

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-105
Revised 1-1-89

WELL API NO.

30-015-33717

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

OG-784

7. Lease Name or Unit Agreement Name

New Mexico Z State

8. Well No.

3

9. Pool name or Wildcat

Millman; Yates-SR QN-GB-SA, East

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. Type of Well:

OIL WELL ☒

GAS WELL ☐

DRY ☐

OTHER ☐

b. Type of Completion:

NEW
WELL ☒

WORK
OVER ☐

Deepen ☐

PLUG
BACK ☐

DIFF
RESVR ☐

OTHER ☐

2. Name of Operator

Mack Energy Corporation

3. Address of Operator

P.O. Box 960, Artesia, NM 88211-0960

4. Well Location

Unit Letter B : 330 Feet From The North Line and 2310 Feet From The East Line

Section 12 Township 19S Range 28E NMPM Eddy County

10. Date Spudded

12/1/2004

11. Date TD Reached

12/7/2004

12. Date Compl. (Ready to Prod.)

1/11/2005

13. Elevations (DF & RKB, RT, GR, etc.)

3401' RKB

14. Elev. Casinghead

3388'

15. Total Depth

3035

16. Plug Back TD

3016

17. If Multiple Compl. How
Many Zones?

18. Intervals
Drilled By

Rotary Tools

Yes

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

2535-2682.5', SA

20. Was Directional Survey Made

Yes

21. Type Electric and Other Logs Run

Gamma Ray, Neutron, Density, Lateralog, Spectral Gamma Ray

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	419	12 1/4	420 sx	None
5 1/2	17	3033	7 7/8	1150 sx	None

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	2713	

26. Perforation record (interval, size, and number)

2535-2682.5', .45, 38

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL

AMOUNT AND KIND MATERIAL USED

2535-2682.5'

2500 gals 15% NEFE Acid

2535-2682.5'

8000# 14/30 LiteProp, 33,000 gals 9.5# brine

2535-2682.5'

38,100# 16/30 sand, 33,167 gals 40# gel

28.

PRODUCTION

Date First Production

1/19/2005

Production Method (Flowing, gas lift, pumping - Size and type pump)

2 x 1 1/2 x 16' pump

Well Status (Prod. or Shut-in)

Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1/29/2005	24 hours			44	58	202	1318

Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
			44	58	202	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Robert C. Chase

30. List Attachments

Deviation Survey and Logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Jerry W. Sherrell

Printed
Name

Jerry W. Sherrell

Title

Production Clerk

Date

2/14/2005

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____ 820	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____ 1192	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____ 1710	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____ 2082	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____ 2524	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo _____	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology

From	To	Thickness in Feet	Lithology

WELL NAME AND NUMBER New Mexico "Z" State No. 3
LOCATION 330' FNL & 2310' FEL, Section 12, T19S, R28E, Eddy County NM
OPERATOR Mack Energy Corporation
DRILLING CONTRACTOR United Drilling, Inc.

RECEIVED
FEB 15 2005
OCCASION

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and had conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
<u>3/4° 413'</u>	<u> </u>	<u> </u>
<u>1° 928'</u>	<u> </u>	<u> </u>
<u>3/4° 1439'</u>	<u> </u>	<u> </u>
<u>3/4° 1948'</u>	<u> </u>	<u> </u>
<u>1° 2552'</u>	<u> </u>	<u> </u>
<u>1° 3030'</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Drilling Contractor United Drilling, Inc.

By: George A. Aho

George A. Aho

Title: Business Manager

Subscribed and sworn to before me this 15th day of December,
2004.

Carlos Martini

Notary Public

My Commission Expires: 10-08-08

Chaves N Mex

County

State

RECEIVED

DEC 16 2004